IN THE CLAIMS:

Kindly cancel claims 1-5 without prejudice or admission and add new claims 6-25 as shown in the following listing of claims, which replaces all previous versions and listings of claims in this application.

1. - 5. (canceled).

6. (new) An analyzer system which is either built-in to an analyzer or separate from and connectable to an analyzer, the analyzer system comprising:

one or more analyzer software programs for at least one of controlling the analyzer to perform one or more analysis procedures and analyzing results output by the analyzer;

job information comprising data for adapting the analyzer software to control the analyzer to perform the one or more specific analysis procedures;

a job comprising data for linking the job information to the analyzer software for a given analysis procedure;

job launching means for launching the analyzer software to perform an analysis procedure; and

job representing means for representing a job on a display.

7. (new) An analyzer system according to claim 6; further comprising a computer for executing the one or more analyzer software programs.

8. (new) An analyzer system according to claim 6; wherein the analyzer software programs contain a customizable user interface that is customized by the job information to display information relating to the one or more specific analysis procedures.

9. (new) An analyzer system according to claim 8; wherein the job information customizes the user interface by setting a type of information to be displayed to the user, a level of detail of information to be displayed to the user, and a number of prompts for requesting the user to input information, and setting how the analyzer software will analyze the information input by the user.

10. (new) An analyzer system according to claim 6; wherein the job information comprises user interface setting information for adapting the analyzer software to display a customized user interface for performing a specific analysis procedure.

11. (new) An analyzer system according to claim 10; wherein the customized user interface comprises a specific

arrangement of menus and dialog boxes for displaying information to a user and prompting the user to input information to the analyzer.

12. (new) An analyzer system according to claim 6; wherein the job information comprises user interface setting information for adapting the analyzer software to display a customized user interface for performing a specific analysis procedure, and function call information containing parameters used by the analyzer software to perform function call sequencing and function execution in order to automate or semi-automate analyzer software operations.

13. (new) An analyzer system according to claim 12; wherein the customized user interface comprises a specific arrangement of menus and dialog boxes for displaying information to a user and prompting the user to input information to the analyzer.

14. (new) An analyzer system according to claim 13; wherein the job information customizes the user interface by setting a type of information to be displayed to the user, a level of detail of information to be displayed to the user, and a number of prompts for requesting the user to input information, and setting how the analyzer software will analyze the information input by the user.

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15. (new) An analyzer system according to claim 6;
wherein the job information comprises user interface setting
information for adapting the analyzer software to display a
customized user interface for performing a specific analysis
procedure, function call information containing parameters
used by the analyzer software to perform function call
sequencing and function execution in order to automate or
semi-automate analyzer software operations, and output format
information for describing an output format of analyzer
software analysis results.

16. (new) An analyzer system according to claim 15;
wherein the customized user interface comprises a specific
arrangement of menus and dialog boxes for displaying
information to a user and prompting the user to input
information to the analyzer.

17. (new) An analyzer system according to claim 16;
wherein the job information customizes the user interface by
setting a type of information to be displayed to the user, a
level of detail of information to be displayed to the user,
and a number of prompts for requesting the user to input
information, and setting how the analyzer software will
analyze the information input by the user.

18. (new)   An analyzer system according to claim 6;
wherein the analyzer system is separate from the analyzer; and
further comprises a communication line for connecting the
analyzer system to the analyzer.

19. (new)   An analyzer system according to claim 6;
wherein the analyzer system is separate from the analyzer; and
further comprises a storage medium for connecting the analyzer
system to the analyzer.

20. (new)   An analyzer system according to claim 6;
wherein the one or more analyzer software programs perform one
or more of controlling the analyzer to perform measurements,
analyzing data acquired by the analyzer through measurement,
and outputting results of measurement or analysis.

21. (new)   An analyzer system according to claim 6;
wherein the job information comprises information for setting
the analyzer software programs to be able to handle different
instructions.

22. (new)   An analyzer system according to claim 6;
wherein the job comprises a directory containing the job
information for one or more analysis procedures.

23. (new)   An analyzer control system which is
either built-in to an analyzer or separate from and
connectable to an analyzer, the analyzer system comprising:

one or more analyzer software programs for at least one of controlling the analyzer to perform one or more analysis procedures and analyzing results output by the analyzer;

wherein at least one of the analyzer software programs has a customizable user interface for adapting the analyzer software program by setting a type of information to be displayed to a user on a display device, setting a level of detail of information to be displayed to the user, setting a number of prompts for requesting the user to input information, and setting how the analyzer software program will analyze the information input by the user.

24. (new) An analyzer system according to claim 23; further comprising a computer for executing the one or more analyzer software programs.

25. (new) An analyzer system according to claim 23; wherein the analyzer system is separate from the analyzer; and further comprises a communication line or a storage device for connecting the analyzer system to the analyzer.